## PATENT APPLICATION

Sheet 1 of 3

						ATTY. DOCKET NO.		APPLICATION NO.	CONFIRMATION	NC	
	FC	RM I	PTO-1449			100203144-5					
			PATENTS AND PU			APPLICANT	L				
	AF	PPLIC	ANT'S INFORMATION STATE			Daniel Robert Blak					
			Jse several sheets it	nacessary)		FILING DATE		GROUP			
			756 3646141 3110013 11			Herewith					
REF	EREI	NCE	DESIGNATION	U.S. P	ATEN	T DOCUMENTS					
	INER			PUBLICATION		NAME		Pages, Columns, Lines Where Relevant Passages or Figures Appear			
INITI	IAL		NUMBER	DATE	-	NAME		Relevant Passages	or rigures Appear		
W	1	1A	02/0095618A1	Jul 18, 2002	Or	cutt et al					
$\perp$	`	1B	02/0093721A1	Jul 18, 2002	Kn	ipe					
		1C	02/0075554A1	Jun 02, 2002	Br	ophy et al					
		1 D	02/0067534A1	Jun 06, 2002	Ho	il et al	_				
		1E	01/0022682A1	Sep 20, 2001	М	Clelland et al					
		1F	02/0021058A1	Sep 13, 2001	М	Clelland et al					
		1G	6,388,789B1	May 14, 2002	Ве	rstein					
$\dashv$		1H	6,201,629B1	Mar 13, 2001	М	Clelland et al					
$\neg$		11	6,040,935B1	Mar 21, 2000	Mi	chalicek					
	7	1J	6,028,689B1	Feb 22, 2000	Мі	chalicek et al					
$\overline{}$	<b>y</b> _	1K	K 6,014,240B1 Jan 11, 2000		Flo	oyd et al	1				
h	H	1L	DOCUMENT NUMBER EP1017038A2	PUBLICATION DATE Jul 05, 2000		OR APPLICANT  Instruments		Pages/Columns/Line evant Passages/Fig	uroc Appear	slat	
1		1M	EP 0667975B1	Feb 19, 1997	Hahn-	-Schickard-Ges					
7	1	1N	JP2002193899	Jul 14, 2000	Texas	Instruments					
	<b>/</b>	10									
		1P									
			OTHER REF	ERENCES (includ	ing A	uthor, Title, Date, P	'ertine	ent Pages, etc.)			
J	\	10	K.E. Petersen, Letters, V. 31	" Micromechanica 8), Oct 15, 1977,	al light pp 52	modulator aray fabric 1-523	ated o	on silicon", Appli	ed Physics		
1R V.P. Jaecklin et al, "Optical Microshutters and Torsional Micromi Proc. IEEE Workshop on Micro Electro Mechanical Systems, Feb							romire Feb 7	ors for Light Mod -10, 1993, pp 1	ulator Arrays", 24-127.		
4	<u> </u>	15	R.R. A.SYMS, Forces", J. Mi	"Equilibrium of Hi croelectromechani	nged a cal Sy:	nd Hingeless Structur stems, V. 4(4), Dec.	res Ro 1995,	tated Using Surfa pp 177-184.	ace Tension		
E)	XAMI	NER		(KDGF	<u></u>	DATE CONSIDER					

Rev 10/03 (PTO1449)

Sheet 2 of 3

F(	ORM (	PTO-1449			ATTY. DOCKET NO.		APPLICATION NO.	CONFIRMA	TION NO
4.10	CT O	F PATENTS AND PL	IDI ICATIONS FOR		100203144-5	,		<u> </u>	
		ANT'S INFORMATI	ON DISCLOSURE		APPLICANT	koly			
	(1	STATE Jse several sheets i			Paniel Robert Blakely FILING DATE GROUP				
		386 3840141 3110013 1		_	H rewith				
REFERE	NCE	DESIGNATION	U.S. PA	TEN	T DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE		NAME		Pages, Columns, Lines Where Relevant Passages or Figures Appea		
M	2A	6,002,507B1	Dec 14, 1999	Flo	yd et al				
·	2B	5,796,508B1	Aug 18, 1998	Su	zuki				<del></del>
	2C	5,629,790B1	May 13, 1997	Ne	ukermans et al				<del></del>
2D 6,25		6,259,550	July 2001		tfried et al				<del></del>
	2E			Ya	gi et al				
	2F	6,600,851	July 2003	Ak	syuk et al				
	2G	5,061,049	Oct 1991	Но	rnbeck				
1	2H	5,430,571	July 1995	Wi	tteveen				
	21		/						
	2J		/						<del></del>
	2K			-			_		_
<del></del>	<u> </u>	DOCUMENT NUMBER	PUBLICATION DATE		I PATENT DOCUM	<u> </u>	Pages/Columns/Line levant Passages/Figo		Check if Translatio attached
	2L				/				
	2M	***************************************			/				
	2N			7					
	20								
	2P							_	
***************************************	_'	OTHER REF	ERENCES (includir	ng Au	ıthor, Title, Date, F	Pertin	ent Pages, etc.)		<del></del>
— U	26	A. Feinerman http://www.d	et al, "Fast Micro-m arpa.mil/mto/stab/ki	irrors ckoff/	with large angle def stab_uic.pdf, Aug 8-	flection -9, 20	ns, 00	· · · · · · · · · · · · · · · · · · ·	
	21	D.C. McCarth pp 140-150	y, "Photonic Switch	es: F	ast, but Functional?'	" Pho	tonics Spectra, M	larch 1, 2001	1,
	2:	S R.E. Brooks, " Jan-Feb, 198	'Micromechanical lig 5, pp 101-106	ht mo	odulators on silicon",	, Opti	cal Engineering, V	/. 24(1), 	
EXAM	INER	SIKPE	R		DATE CONSIDE	RED	16/04		
Rev 10/03 (	PTO 14	49)			_	-+	<del></del>	#	

## PATENT APPLICATION

Sheet 3 of 3

					ATTY, DOCKET NO.		APPLICATION	NO. C	ONFIRMA	TION
FC	ORM PT	O-1449			100203144-5			٦		
			BLICATIONS FOR		APPLICANT	1				
AF	PPLICA	NT'S INFORMATION STATE			Daniel Rob rt Blak ly					
					FILING DATE		GROUP			
	(Us	se several sheets it	necessary)		H r with	1				
REFERE	NCE E	ESIGNATION	U.S. P.	ATEN	T DOCUMENTS					
XAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE		NAME		Pages, Col Relevant Passa		ines Where	
	за	!								
	3В									
	зс					7				
	3D									
	3E							· <del></del>		
	3F				/	-				
	3G			+	/	-+				
				4						
	ЗН						· · · ·			
	31			_						
	31									
	зк									
		DOCUMENT NUMBER	PUBLICATION DATE	- 14,	OR APPLICANT		ages/Columns vant Passages			Tran: atta
			1							
	3L									
	3L 3M									
	<b>├</b>					-				
	зм									
	3M 3N									
	3M 3N	OTHER REFE	RENCES (includi	ng Au	thor, Title, Date, P	ertine	nt Pages, e	tc.)		
	3M 3N	A. Feinerman	et al, "Agile Micro-	Mirrors	with Three Degrees	of Fre	edom Manu	acture	d with Llq	uid
. λ	3M 3N 3O 3P	A. Feinerman e MEMS Techno	et al, "Agile Micro- Igoy" Free Space	Mirrors	thor, Title, Date, P with Three Degrees Communication and L	of Fre	edom Manu	acture	d with Llq V. 4489,	uid
<u> </u>	3M 3N 3O 3P	A. Feinerman	et al, "Agile Micro- Igoy" Free Space	Mirrors	with Three Degrees	of Fre	edom Manu	acture	d with Llq V. 4489,	uid
<u> </u>	3M 3N 3O 3P	A. Feinerman e MEMS Techno	et al, "Agile Micro- Igoy" Free Space	Mirrors	with Three Degrees	of Fre	edom Manu	acture	d with Llq V. 4489,	uid
<u> </u>	3M 3N 3O 3P	A. Feinerman e MEMS Techno	et al, "Agile Micro- Igoy" Free Space	Mirrors	with Three Degrees	of Fre	edom Manu	acture	d with Llq V. 4489,	uid
	3M 3N 3O 3P	A. Feinerman e MEMS Techno	et al, "Agile Micro- Igoy" Free Space	Mirrors	with Three Degrees	of Fre	edom Manu	acture	d with Llq V. 4489,	uid
<u></u>	3M 3N 3O 3P	A. Feinerman e MEMS Techno	et al, "Agile Micro- Igoy" Free Space	Mirrors	with Three Degrees	of Fre	edom Manu	acture	d with Llq V. 4489,	uid
	3M 3N 3O 3P 3Q	A. Feinerman e MEMS Techno	et al, "Agile Micro- Igoy" Free Space	Mirrors	with Three Degrees	of Fre	edom Manu	acture	d with Llq V. 4489,	uid
	3M 3N 3O 3P	A. Feinerman e MEMS Techno	et al, "Agile Micro- Igoy" Free Space	Mirrors	with Three Degrees	of Fre	edom Manu	acture	d with Llq V. 4489,	uid
	3M 3N 3O 3P 3Q	A. Feinerman e MEMS Techno	et al, "Agile Micro- Igoy" Free Space	Mirrors	with Three Degrees	of Fre	edom Manu	acture	d with Llq V. 4489,	uid
	3M 3N 3O 3P 3Q	A. Feinerman e MEMS Techno	et al, "Agile Micro- Igoy" Free Space	Mirrors	with Three Degrees	of Fre	edom Manu	acture	d with Llq V. 4489,	uid

Rev 10/03 (PTO1449)